

The 26<sup>th</sup> Annual Intel Northwest Science Expo was April 3<sup>rd</sup> at Portland State University. Here are the Best of Fair and Intel ISEF qualifiers.

Best of Fair Winners receive a plaque and \$100.

Best of Fair is Sponsored by Madden Industrial Craftsmen

#### Life Science Best of Fair

Angela Chou in 11<sup>th</sup> grade at Oregon Episcopal School

For project titled: A comparison of the effects of native language on the learning styles of native Chinese and native English speakers

#### Physical Science Best of Fair

Kevin Ellis in 11<sup>th</sup> grade at Catlin Gabel School

For project titled: System S: Describing State in Functional Languages

#### Middle School Best of Fair

Meghana Rao in 7<sup>th</sup> grade at Summa Academy South

For project titled: Working Towards Microalgal Biofuel: A Study of the Effects of Separation Techniques on Chlorella Vulgaris Yield

#### Middle School Best of Fair

Peter Graham in 6<sup>th</sup> grade at Summa Academy South

For project titled: Liquid Mirrors For Lunar Telescopes

Finalists will compete at the Intel International Science and Engineering Fair in Reno May 10-15<sup>th</sup>.

#### Life Science Intel ISEF Individual Finalist

Lipi Gupta in 10<sup>th</sup> grade at Crescent Valley High School

For project titled: The Effect of Forest Fires on Tree Growth

#### Life Science Intel ISEF Individual Finalist

Larissa Pham in 11<sup>th</sup> grade at Oregon Episcopal School

For project titled: The Search for Vitamin B12: Identifying Effective Bacterial Inoculators for Fermented Vegetables

#### Physical Science Intel ISEF Individual Finalist

Maryann Tung in 12<sup>th</sup> grade at St. Mary's Academy

For project titled: Integration of CdS-sensitized nanobelts on a ZnO nanowire array in solar cells

#### Physical Science Intel ISEF Individual Finalist

Eric Larson in 12<sup>th</sup> grade at South Eugene High School

For project titled: The Classification of Certain Fusion Categories

#### Life Science Intel ISEF Team Finalist

Hayley McCrae in 11<sup>th</sup> grade at West Linn High School

For project titled: The Effects of Multi-Tasking on Short-term Memory

#### Life Science Intel ISEF Team Finalist

Rosarin Bhutarak in 11<sup>th</sup> grade at West Linn High School

For project titled: The Effects of Multi-Tasking on Short-term Memory

#### Physical Science Intel ISEF Team Finalist

Ashutosh Patra in 12<sup>th</sup> grade at Sunset High School

For project titled: Electricity Collection through Water-Based Solar Lensing

#### Physical Science Intel ISEF Team Finalist

Siheng You in 12<sup>th</sup> grade at Sunset High School

For project titled: Electricity Collection through Water-Based Solar Lensing

Alternates may take the place of a finalist, they can attend Intel ISEF at their own expense.

**Life Science Intel ISEF Alternate**

Bhakthi Sahgal in 12<sup>th</sup> grade at Catlin Gabel School

For project titled: The Effect of Melamine on the Death Rate of *Drosophila melanogaster*

**Life Science Intel ISEF Alternate**

Meghana Kalavar in 9<sup>th</sup> grade at Jesuit High School

For project titled:

**Physical Science Intel ISEF Alternate**

Julia Tatiyatirong in 9<sup>th</sup> grade at West Linn High School

For project titled: How wind affects the movement of cable stayed bridges

**Physical Science Intel ISEF Alternate**

Arushi Raghuvanshi in 10<sup>th</sup> grade at Jesuit High School

For project titled: Group Theory: From Rubik's Cube to Quantum Reversible Logic

**Physical Science Intel ISEF Alternate, Team**

Frank Zhao in 11<sup>th</sup> grade at Westview High School

For project titled: A Novel Automated Eye Tracking System for Treatment of Uveal Melanoma

**Physical Science Intel ISEF Alternate, Team**

William Han in 11<sup>th</sup> grade at Westview High School

For project titled: A Novel Automated Eye Tracking System for Treatment of Uveal Melanoma